



Spalding
Urban District Council

REPORT

of the

Medical Officer of Health

to the

Spalding Urban District

for the

Year 1944

TEL. No 2146.

**15, HIGH STREET,
SPALDING.**

29. 8 - 45

With Dr. J. R. Munro's
Compliments //

12.10.1942

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Public Health Officers
of the
Spalding Urban District Council

Medical Officer of Health :
J. R. MUNRO, M.D.

Public Health Officer :
L. A. GORNALL, F.I.A.S.S., M.R.S.I.

Meat Inspector :
F. LUKER, M.S.I.A.

REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1944

To the Chairman and Councillors of the Spalding Urban District
Council.

I beg to hand you my Report for 1944.

Area (in acres)	...	...	...	...	...	7,825
Resident Population	...	...	...	...	...	13,140
Number of Inhabited Houses (end of 1943)						4,073
Rateable Value	...	...	...	...	...	£70,117
Sum represented by a Penny Rate	...					£278 6s. 4d.

VITAL STATISTICS.

Live Births

				Males.	Females.	Total.
Legitimate	...	...	...	137	113	250
Illegitimate	...	...	...	9	16	25
			Total	146	129	275

Still Births.

Legitimate	...	...	...	5	2	7
Illegitimate	...	...	...	1	—	1
			Total	6	2	8

Birth Rate per 1,000 Estimated Population ... 20.9

Still Birth Rate per 1,000 Estimated Population 0.6

Males. Females. Total.

Deaths from all causes ... 80 87 167

Death Rate per 1,000 Estimated Population 12.7

Deaths of Infants under One Year of Age.

				Males.	Females.	Total.
Legitimate	...	...	...	5	5	10
Illegitimate	...	...	...	0	3	3
			Total	5	8	13

Death Rate per 1,000 Live Births ... 48.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

1. Medical Officer of Health (part time), J. R. Munro, M.D.
2. Public Health Officer (whole time),
L. A. Gornall, F.I.A.S., M.R.S.I.
3. Meat Inspector, F. Luker, M.S.I.A.

Staff. Mr. F. Tero, Assistant Sanitary Inspector, is still in the Royal Army Medical Corps (Field Sanitary Section), with the Central Mediterranean Forces.

Closet Accommodation. During the year, seven vault closets have been converted to the water carriage system; and also the following drainage work carried out :

Premises connected to public sewer	20
Cesspools abolished	15

Public Cleansing. The collection of house refuse is carried out on modern lines by mechanical low loading vehicles, and disposal is by means of Front Feed Refuse Destructor.

The salvage of materials required by industry for the war effort is carried out energetically, and the sale of this salvaged material realised £1,298 for the year.

Eradication of Bed Bugs. During the year, six cases of infestation have been treated with "Zaldecide," with satisfactory results.

HOUSING STATISTICS.

1. Inspection of Houses during the year.

1. (a) Total number of dwelling houses inspected for defects (under Public Health or Housing Acts) 62
- (b) Number of inspections made for the purpose ... 109
2. (a) Number of dwelling houses (included under sub-head (1 above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 6
- (b) Number of inspections made for this purpose ... 10
3. Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation none
4. Number of dwelling houses found not to be in all respects reasonably fit for human habitation (exclusive of those referred to under the preceding sub-head) 21

2. **Remedy of Defects during the Year without Service of Formal Notice.**

Number of dwellinghouses rendered fit in consequence of informal action by the Local Authority or their Officers 20

3. **Action under Statutory Powers during the Year.**

A. Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.

- 1. Number of dwellinghouses in respect of which notices were served requiring repairs none
- 2. Number of houses which were rendered fit after service of such notices :
 - (a) by Owners none
 - (b) by Local Authority in default of Owners none

B. Proceedings under Public Health Acts.

- 1. Number of dwellinghouses in respect of which notice has been served requiring defects to be remedied ... 1
- 2. Number of dwellinghouses in which defects were remedied after service of formal notice :
 - (a) by Owners 1
 - (b) by Local Authority in default of Owners none

C. Proceedings under Sections 11 and 13 of the Housing Act, 1936.

- 1. Number of dwellinghouses in respect of which Demolition Orders were made none
- 2. Number of dwellinghouses demolished in pursuance of Demolition Orders none

D. Proceedings under Section 12 of the Housing Act, 1936.

- 1. Number of separate tenements or underground rooms in respect of which closing orders were made none
- 2. Number of separate tenements or underground rooms in respect of which closing orders were determined, the tenement or room having been rendered fit ... none

Housing Act, 1936, Part IV. (Overcrowding).

Nothing being possible with regard to the provision of houses for the abatement of overcrowding, the few remaining cases are of necessity still unabated.

Number of houses overcrowded at end of year	4
Number of families dwelling therein	4
Number of persons dwelling therein	39
Number of cases of overcrowding reported during the year	none
Number of cases of overcrowding relieved during the year	none
Number of persons concerned in such cases	none
Dwellinghouses which have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	none

Section E.

(a) Milk Supply.

Inspection of Cowsheds has been carried out during the year as far as possible ; improvements have been carried out at Monks House Farm.

Inspection of Foodstuffs.

During the year the undermentioned foodstuffs have been examined and condemned as unfit for human consumption :

Canned Beans	33 tins.	Chopped Ham	89 lbs.
Pilchards	38 tins.	Salmon	5 tins.
Jam	17 tins.	Ham	83 lbs.
Syrup	9 tins.	Cheese	159½ lbs.
Milk	201 tins.	Bacon	49¾ lbs.
Soup	5 tins.	Sausage	54 lbs.
Herrings	3 tins.	Plums	6 tins.
All Bran	7 Pkts.	Prem	5 tins.
Beef Loaf	15 tins.	Butter	¼ lb.
Steak	3 tins.	Sardines	1 tin.
Luncheon Meat	78 lbs.	Biscuits	2 tins.
Peas	10 tins.	Wheat Flakes	1 pkt.
Crayfish	1 tin.	Meat Paste	5 jars.

L. A. GORNALL.

MEAT INSPECTION, 1944.

For your information I submit herewith details of the meat inspection carried out in the Spalding Urban District during the year 1944. During this period routine inspections have been made of all animals slaughtered at the Central Slaughterhouse, New Bond Street, and detailed examinations have been made of all animals showing any evidence of disease. The following amount of meat and offals, having a total weight of approximately 26 tons 2 cwts. 1 qtr. has been condemned as unfit for human consumption and disposed of for other purposes under the Ministry of Food Waste Utilisation Scheme.

Article Examined.	Disease or Condition Found.
40 lbs. Mutton	Bruising, injuries, etc.
2,924 lbs. Beef	Trimnings from Bruised and Damaged Carcases; Broken Legs, etc.
490 lbs. Pork	Ditto.
259 lbs. Pigs Feet and Hocks ...	Enlarged Joints surrounding Flesh Fibrous and Tough.
346 lbs. Pork	Trimnings from Carcases affected with 'Diamonds' (Swine Erysipelas).
2 Beasts Lungs	Pulmonary Distoma.
2 Beasts Lungs	Echinococcus Cysts.
1 Beasts Liver	Echinococcus Cysts.
8 Pigs Livers	Cirrhosis.
43 Pigs Lungs	Pneumonia.
73 lbs. Beef	Two part Carcases of Beef affected with Actinomycosis.
2 Carcases of Beef & Offals ...	Johnes Disease—emaciated and dropsical carcases.
1 Carcase of Beef & Offals ...	Unwholesome Casualty Animal—strong medicinal odour through the flesh.
3 Carcases of Beef & Offals ...	Toxæmic Carcases due to putrefaction at site of injury.
2 Beasts Livers	Fatty Infiltration.
6 Beasts Hearts	Tuberculosis.
2 Calf Carcases & Offals	Septic Lesions at site of castration causing generalised dropsy.
119 lbs. Pork	Three part Carcases affected with Septic Lesions, Growths, etc.
24 Pigs Kidneys	Cystic.
8 Carcases of Beef & Offals ...	unwholesome emaciated Carcases due to Tuberculosis infection.
1 Carcase of Beef & Offals ...	Generalised Actinomycosis.
1 Cow Carcase & Offals	Sapraemia—septic infection of the pelvic cavity.
2 Pig Carcases & Offals	Septic Peritonitis.
8 Beasts Tripes	Stale and Putrefying.
3 Beasts Kidneys	Cystic.
3 Beasts Udders	Tuberculosis.
10 Pigs Heads	Tuberculosis.
5 Pigs Lungs	Tuberculosis.
1 Carcase of Beef & Offals ...	Septic Nephritis causing generalised dropsy.
1 Carcase of Beef & Offals ...	Traumatic Peritonitis.
1 Pig and all Offals	Ricketts with Malnutrition.
1 Carcase of Beef and Offals.	Multiple Malignant Growths.
2 Beasts Lungs	Actinomycosis.
3 Pigs and all Offals	Generalised Dropsy.
11 Beasts Livers	Cavernous Angioma.
50 Beasts Livers	Distomatosis (Liver Flukes).
179 Part Beasts Livers	Distomatosis (Liver Flukes).
51 Beasts Livers	Multiple Septic Abscesses.
45 Beasts Livers	Tuberculosis.
4 Beasts Livers	Cirrhosis.
49 Beasts Udders	Mastitis.
1 Beasts Heart & Lungs	Pericarditis and Pleurisy.
2 Beasts Stomachs	Peritonitis.
56 Beasts Heads & Tongues	Tuberculosis.
143 Beasts Lungs	Tuberculosis.
68 Sets Pigs Intestines	Inflammation.
22 Pigs Kidneys	Nephritis.
5 Pigs Spleens	Inflammation.
15 Beasts Intestines & Mesenteric Fat	Tuberculosis.
21 Beasts Heads & Tongues ...	Actinomycosis
5 Carcases of Beef & Offals ...	Unwholesome Casualty — casualty animals slaughtered in moribund state not disembowelled after slaughter.

Article Examined.	Disease or Condition Found.
78 Pigs and all Offals	Evidence of Swine Fever.
740 lbs. Beef	Eleven part Carcases of Beef affected with septic lesions, growths, etc.
17 Carcases of Beef & Offals ...	Generalised Tuberculosis.
16 Pigs and all Offals	Acute Swine Erysipelas.
1 Sheep Carcase & Offals	Animal found dead.
969 lbs. Beef	Eight part Carcases of Beef affected with Tuberculosis.
14 Beasts Kidneys	Tuberculosis.
4 Beasts Lungs	Pneumonia.
1 Beasts Liver	Bacterial Necrosis.
26 Beasts Spleens	Tuberculosis.
3 Calf Carces & Offals	Congenital Tuberculosis.
4 Pigs and all Offals	Generalised Tuberculosis.
5 Carcases of Beef & Offals ...	Unwholesome Carcases — casualty animals which died before they could be slaughtered.
4 Beasts Thick Skirts	Septic Abscesses.
10 Beasts Thin Skirts	Tuberculosis.
1 Pigs Pluck	Tuberculosis.
41 lbs. Beef	Heated Beef—putrefying.
1 Pig and all Offals	Jaundice.
1 Pig Carcase & Offals	Unwholesome Carcases — animal killed in a moribund state.
4 Small Store Pigs & Offals ...	Fevered Carcases—septic lesions at site of castration.
1 Sheeps Pluck	Parasitic affection (<i>S. Rufescens</i>).
1 Sheeps Pluck	Caseous Lymphadenitis.
1 Sheep Carcase & Offals	Animal slaughtered in a moribund state — extensive and severe bruising, fractured pelvis and vertebræ, etc.

The total numbers of animals slaughtered and inspected during the year were :

Cattle, 1,109 ; Calves, 156 ; Sheep, 2,114 ; Pigs, 754.

Out of the 1,109 cattle inspected, 17 (1.5%) were found to be affected with Generalised Tuberculosis and 143 (12.9%) were found to be affected with Tuberculosis of the Lungs. Examination of the 754 pigs slaughtered revealed only 4 (0.5%) suffering from Generalised Tuberculosis, and out of the 2,114 sheep only one was found to be affected with a bacterial disease and in this isolated case only the offals were condemned.

The three cases of Congenital Tuberculosis in calves were reported to the Animal Health Division of the Ministry of Agriculture and Fisheries so that their Veterinary Officers could trace the suspected dam and in one case this was found to be a cow giving a heavy yield of milk. The cow was slaughtered under the Tuberculosis Order.

I Remain,

Yours obediently,

F. LUKER,

Meat Inspector.

Water Supply.

The water supply of the area has been satisfactory in quality and in quantity, but the demand reached the limit of supply during January, February and March, 1944. Steps are being taken to increase the supply available.

A quarterly bacteriological examination and chemical analysis has been made—the most recent Report is appended.

There is no liability to plumbo-solvent action.

No form of contamination has ever been discovered, but continuous chlorination is carried out as a precautionary measure.

All the houses in the Urban District Area are supplied with water, except a few isolated houses in the outer area. Steps are being taken to supply these.

Norfolk and Suffolk County Laboratories,
Redwell Street, Norwich.

October 11, 1944.

COPY

CERTIFICATE OF ANALYSIS OF WATER No. 109020 VV.

Mark or Seal. Town's Water ex Hereward Road, 4/10/44,

at 10.15 a.m.

BACTERIOLOGICAL RESULTS												
Total Solids in Solution.	AMMONIA		Chlorine in Chlorides.	Nitrogen as Nitrates.	Nitrites.	Oxygen absorbed from Permanganate.	HARDNESS		Colonies per ml. on agar at 37° C.	Bacillus Coliform		Physical Characters.
	Free & Saline.	Albuminoid					Total	Permanent		Present in	Absent in	
47.6	0.007	0.001	2.15	nil	nil	trace	3085 =21.6°	11.15 =7.8°	none		100 m.l.	Clear iron in solution 0.006

Remarks. This is a pure and wholesome water, quite suitable for drinking and all purposes of a public supply. The sample was free from particulate iron oxide, and the iron in solution is negligible.

N.B.—The chemical results are stated in parts per 100,000.

TUBERCULOSIS.

Analysis of New Cases and Deaths from Tuberculosis.

Age Periods.	NEW CASES.				DEATHS.			
	Respira- tory.		Non-Respira- tory.		Respira- tory.		Non-Respira- tory.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1	..	..	..	0	..	..	..	...
„ 5	1	1	..	1	..	..	..	...
„ 15	1	1	0	3	..	..	..	2
„ 25	1	3	..	1	1	..	..	1
„ 35	3	2	..	..	..	..	..	...
„ 45	1	0	..	1	0	1	..	...
„ 55	1	..	..	.	1	..	..	...
„ 65	..	1	..	..	0	..	..	...

Totals ...	8	8	0	6	2	1	..	3

TABLE OF NOTIFIABLE DISEASES DURING THE YEAR

1944

Disease.	Total Notified.	Cases sent to Hospital.	Total Deaths.
Scarlet Fever	21	21	0
Whooping Cough	106	0	1
Diphtheria	9	9	0
Erysipelas	11	3	0
Measles	16	0	0
Ophthalmic Neonatorum	2	0	0
Puerperal Pyrexia	3	3	0

DIPHTHERIA PROPHYLAXIS.

During 1944, 410 children have been immunised.

Over 5 and under 15 142

Under 5 years of age 268

SCABIES ORDER, 1941.

The treatment of Scabies and Verminous Heads has continued during the year at the two centres at Spalding.

The number of treatments given is shown hereunder :

Cases from Spalding Urban Area 186

Cases from Spalding Rural Area 141

Cases from East Elloe Rural Area 160

Total number of treatments given : 1,421.

I am,

Your Obedient Servant,

J. R. MUNRO.

CAUSES OF DEATH DURING THE YEAR 1944.

Cause of Death.	Male.	Female.
All causes	80	87
Whooping Cough	1	0
Tuberculosis of Respiratory System ...	2	1
Other Forms of Tuberculosis	0	4
Influenza	0	1
Acute Infant Encephalitis	0	1
Cancer of Mouth œsophagus and uterus	2	1
Cancer of Stomach and Duodenum ..	5	2
Cancer of Breast	0	2
Cancer of other Sites	3	1
Diabetes	0	1
Intra Cranial Vascular Lesions	7	8
Heart Disease	17	11
Other Diseases of Circulatory System	1	4
Bronchitis	2	1
Pneumonia	3	0
Other Respiratory Diseases	0	1
Ulcer of Stomach	3	0
Diarrhœa, under 2 years	0	1
Appendicitis	1	1
Other Digestive Diseases	3	3
Nephritis	1	1
Premature Births	1	5
Congenital Deformity	2	2
Suicide	0	1
Road Traffic Accident	0	1
Other Violent Causes	2	1
All other causes	24	32

